DuPont Pompton Lakes Works
2000 Cannonball Road
Pompton Lakes, NJ 07442

The miracles of science™

June 1, 2010

Ms. Judy Coda
16 Perrin Avenue
Pompton Lakes, NJ 07442

Dear Ms. Coda:

Thank you for your participation in the program that DuPont has offered to residents in the area of Pompton Lakes to address the vapor pathway. A vapor mitigation system was installed at your residence on November 9, 2009 and a post-mitigation indoor air sample was collected at your residence on April 27-28, 2010. Test America, a State-certified laboratory, analyzed the sample for volatile organic compounds (VOCs). Post-mitigation sampling is just one of the multiple lines of evidence being used in the overall assessment of the vapor mitigation system and its effectiveness in mitigating the potential for sub-slab vapors from entering the indoor air. As documented in Section 8.0 of the New Jersey Department of Environmental Protection (NJDEP) Vapor Intrusion Guidance (VIG), sources of the compounds analyzed for may be present from either within or outside of your home; these are commonly known as background sources.

The preliminary results for the post-mitigation indoor air sample along with the outdoor air sample collected at the same time are provided in the attached table. As shown in the table, the first ten compounds listed include compounds that were identified in samples collected from wells in the groundwater plume downgradient from the DuPont Site and some sub-slab samples collected during the early stages of the vapor intrusion investigation. The remaining compounds in the table are not associated with the groundwater plume.

NJDEP's VIG states that post-mitigation sampling be conducted after the remedial system is operational to verify the effectiveness of the system. This sample has been collected as stated above in accordance with the VIG. The VIG also states that indoor air sampling be conducted during the time period when a structure may be experiencing potential maximum depressurization conditions (defined as November 1st through March 31st). Therefore, a second post-mitigation indoor air sample will need to be collected during this timeframe. DuPont will be contacting you to schedule an appointment to collect the second post-mitigation indoor air sample.

NJDEP will complete an evaluation of the second post-mitigation sample data along with the Remedial Measure Report to be submitted to NJDEP for your property which summarizes the pre-installation, installation, and post-installation activities associated with the vapor mitigation system installed at your residence. NJDEP will send the results of those evaluations under separate cover to you.

DuPont representatives are available to answer questions regarding the sampling results for your home. Should you have additional questions, please contact us at (973) 492-7703.

Sincerely,

David E Epps

David E. Epps, P.G.
Project Director, Pompton Lakes Works
DuPont Corporate Remediation Group

Enclosure: Preliminary Post-Mitigation Indoor Air Results Table

cc: Frank Faranca, NJDEP
Clifford Ng, USEPA
Bernard Weintraub, Weitz & Luxenberg
PLW File

DuPont Pompton Lakes Works
Preliminary Post-Mitigation Indoor Air Results

16 Perrin Avenue Chemical Sample Date	Site-Specific Indoor Air Comparison Levels	Indoor Air Results 28-Apr-10	Outdoor Air Results 28-Apr-10
SITE COMPOUNDS OF CONCERN			
Carbon tetrachloride	1	Not Detected	Not Detected
1,1-Dichloroethane	510	Not Detected	Not Detected
1,2-Dichloroethane	0.8	Not Detected	Not Detected
1,1-Dichloroethene	220	Not Detected	Not Detected
1,2-Dichloroethene (cis)	36	Not Detected	Not Detected
1,2-Dichloroethene (trans)	73	Not Detected	Not Detected
Tetrachloroethene	1	Not Detected	Not Detected
1,1,1-Trichloroethane	1,000	Not Detected	Not Detected
Trichloroethene	1	Not Detected	Not Detected
Vinyl chloride	0.5	Not Detected	Not Detected
OTHER VOLATILE ORGANIC COMPOUNDS			
Acetone	3,300	Not Detected	Not Detected
Allyl chloride	0.6	Not Detected	Not Detected
Benzene	0.6	Not Detected	Not Detected
Bromodichloromethane	1	Not Detected	Not Detected
Bromoform	2	Not Detected	Not Detected
Bromomethane	5	Not Detected	Not Detected
1,3-Butadiene	0.4	Not Detected	Not Detected
Chlorobenzene	51	Not Detected	Not Detected
Chloroethane	2	Not Detected	Not Detected
Chloroform	1	Not Detected	Not Detected
Chloromethane	95	1	1
Carbon disulfide	730	Not Detected	Not Detected
2-Chlorotoluene	73	Not Detected	Not Detected
Cyclohexane	6,200	1	Not Detected
Dibromochloromethane	2	Not Detected	Not Detected
1,2-Dibromoethane	2	Not Detected	Not Detected
1,2-Dichlorobenzene	150	Not Detected	Not Detected
1,3-Dichlorobenzene	11	Not Detected	Not Detected
1,4-Dichlorobenzene	1	Not Detected	Not Detected
Dichlorodifluoromethane	180	3	3
1,2-Dichloropropane	0.9	Not Detected	Not Detected
1,3-Dichloropropene (cis)	0.9 (total)	Not Detected	Not Detected
1,3-Dichloropropene (trans)		Not Detected	Not Detected
1,2-Dichlorotetrafluoroethane	No Criteria Available	Not Detected	Not Detected
1,4-Dioxane	No Criteria Available	Not Detected	Not Detected
Ethylbenzene	1,100	2	Not Detected
4-Ethyltoluene	No Criteria Available	Not Detected	Not Detected
n-Heptane	No Criteria Available	Not Detected	Not Detected
1,3-Hexachlorobutadiene	No Criteria Available	Not Detected	Not Detected
n-Hexane	730	0.8	Not Detected
Isopropanol	No Criteria Available	Not Detected	Not Detected
Methylene Chloride	4	Not Detected	Not Detected
Methyl ethyl ketone	5,100	3	Not Detected
Methyl isobutyl ketone	3,100	Not Detected	Not Detected
Methyl methacrylate	No Criteria Available	Not Detected	Not Detected
Methyl tert-butyl ether	2	Not Detected	Not Detected
Styrene	1,000	Not Detected	Not Detected
Tert-butyl alcohol	66	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	1	Not Detected	Not Detected
Tetrahydrofuran	No Criteria Available	Not Detected	Not Detected
Toluene	5,100	3	0.8
1,2,4-Trichlorobenzene	36	Not Detected	Not Detected
1,1,2-Trichloroethane	1	Not Detected	Not Detected
Trichlorofluoromethane	730	2	1
1,1,2-Trichloro-1,2,2-trifluoroethane	31,000	Not Detected	Not Detected
1,2,4-Trimethylbenzene	No Criteria Available	Not Detected	Not Detected
1,3,5-Trimethylbenzene	No Criteria Available	Not Detected	Not Detected
2,2,4-Trimethylpentane	No Criteria Available	Not Detected	Not Detected
Vinyl bromide	0.9	Not Detected	Not Detected
Xylenes (m&p)	110 (total)	4	Not Detected
Xylenes (o)		0.9	Not Detected

Notes:

1. All results are reported in micrograms per cubic meter (ug/m^3).
2. These results are preliminary and have not undergone data validation by the New Jersey Department of Environmental Protection.
3. The indoor air concentrations may be attributed solely or in part to background sources (indoor or outdoor).
4. Note that samples were collected over an approximate 24-hour time period ending on the sample date shown above.